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Filed: January 11, 2002

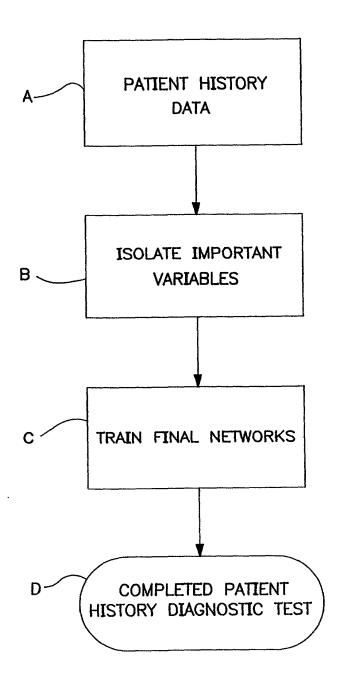


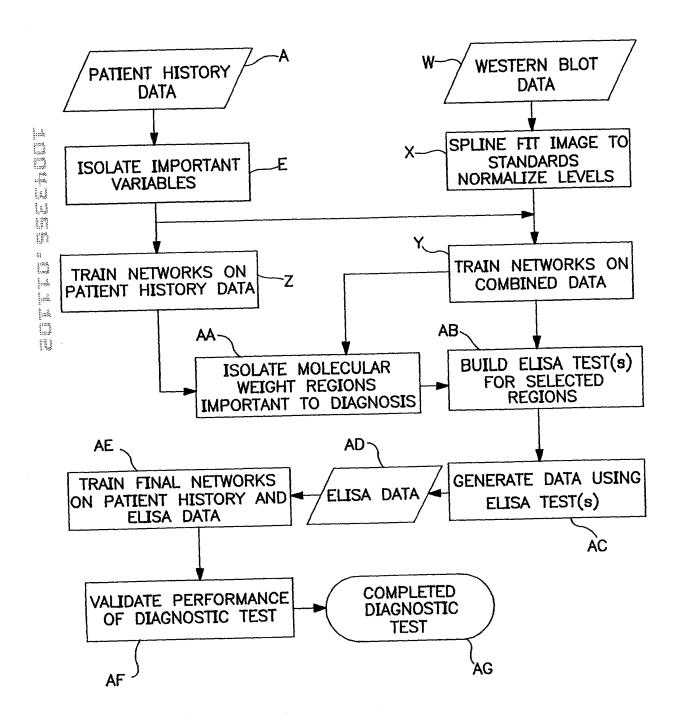
FIG. I

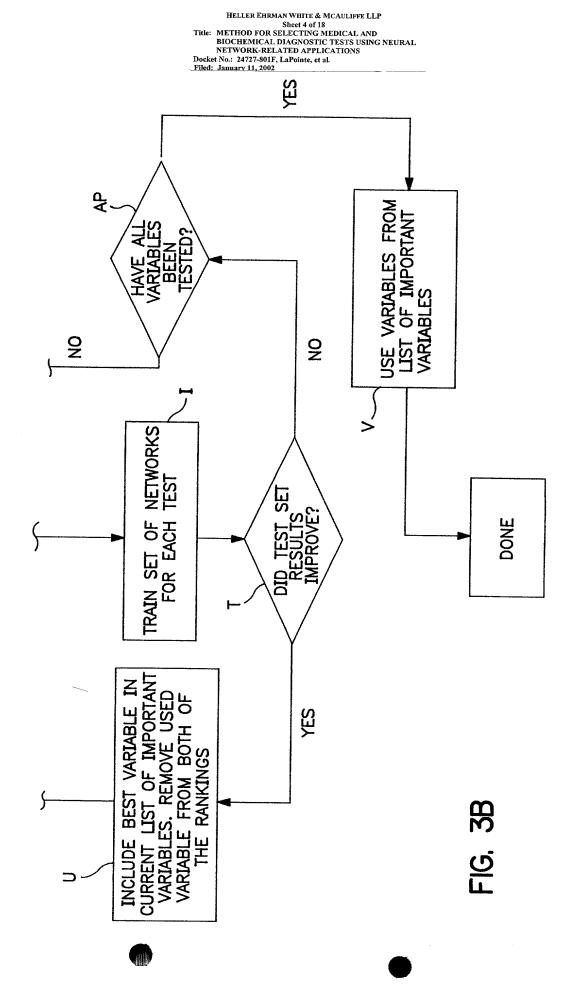
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FIG. 2



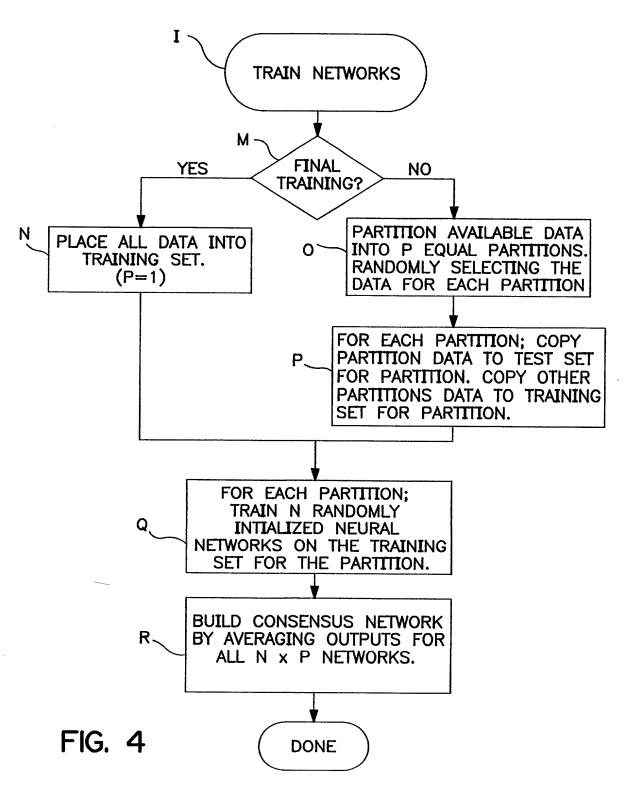


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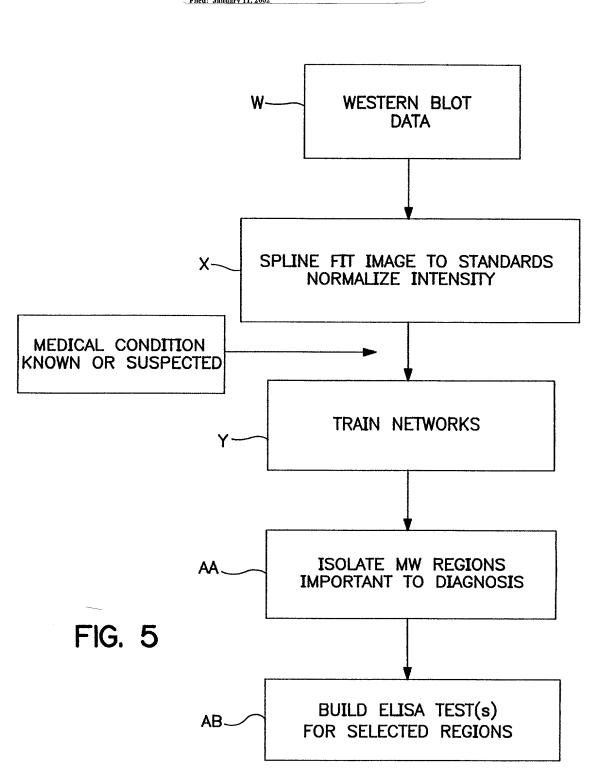
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The: METHOD FOR SELECTING MEDICAL AND BIOCHEMICAL DIAGNOSTIC TESTS USING NEURAL NETWORK-RELATED APPLICATIONS Docket No.: 24727-801F, LaPointe, et al. Filed: January 11, 2002



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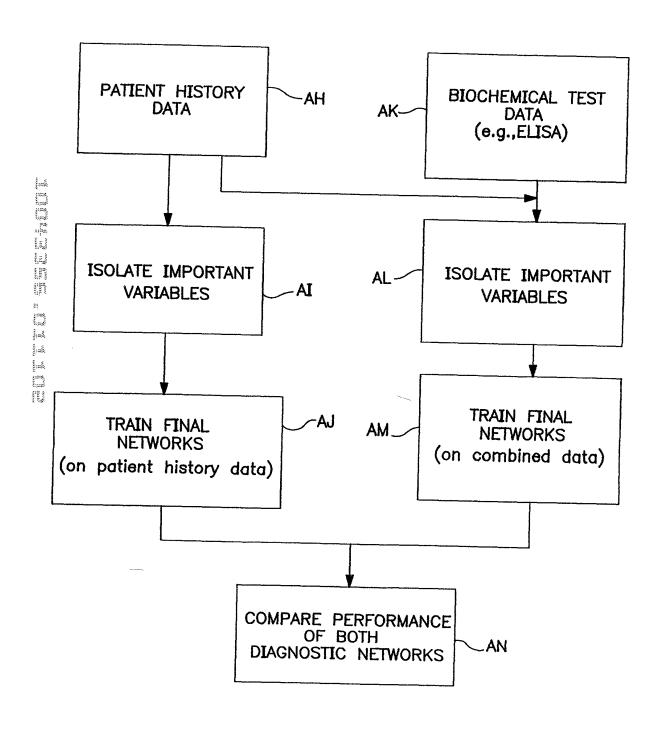


FIG. 6

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FIG. 7

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Filed: January 11, 2002 **—12** -80 -95 , 96 / 52. 54. 16, 55 < 110 1,23 98~ 85. 56-A 86. 59> 60/ 100-The state of the s В 91 --106 l 126/ 76 -179 128 77 ′ 94 119 /93 FIG. 8

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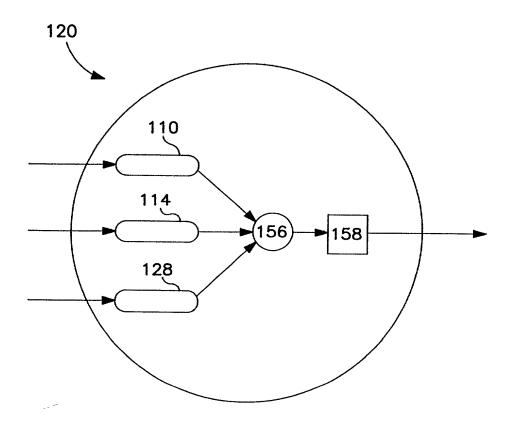


FIG. 9

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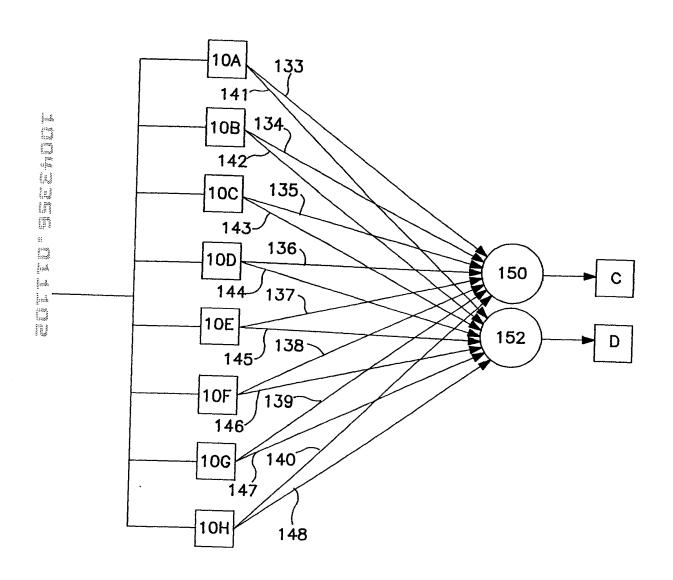


FIG. 10

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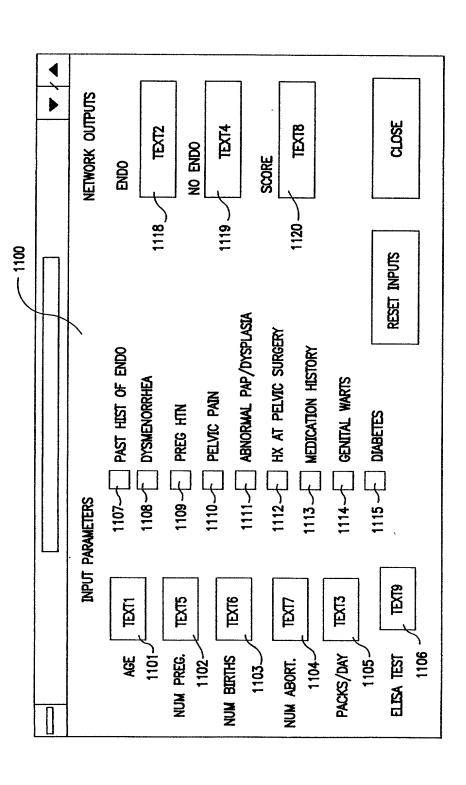


FIG. I

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☐ PTDinp Windows Application—PTDin	
File Record Options View Help Columbia Columbia	
Fle:	
Current record: 1 Number of records: 0	
Lab ID #	
Patient Name:	
Pre-term Delivery Risk <34.6wks:	0.288432
Pre-term Delivery Risk <7 days:	0.001721
Pre-term Delivery Risk <14 days:	0.001544
eady:	

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Pre-Term Delivery Risk Assessment Software: Data Entry Screen 区			
	Lab ID #		
PATIENT INFORMATION			
Name(last) First M DOB mm/dd/yy	Ethnic □Caucasian □ African American □ Asian origin: □Hispanic □ Native American □ Other Marital □ Married □ Single □ Divorced/Seperated status: □Widowed □ Living with partner □ Other		
PATIENT HISTORY AND CLINICAL INFORMATION			
At the time of sampling, was the patient experiencing signs and symptoms of possibleYES preterm labor? NO NO NO NO			
Gestational Age: EGA by first trimester sono ww.d EGA by LMP ww.d EGA at sampling ww.d			
Previous Pregnancy: Please mark all that apply: Previous pregnancy: no complications History of Preterm delivery If Yes,how many? 1 2 >2 History of Preterm PROM History of incompetent cervix History of PIH/preeclampsia History of SAB prior to 20 wks.	Current Pregnancy: G: P: A: Quads Multiple Gestation Twins Triplets Quads Uterine or cervical abnormality Cerclage Gestational Diabetes Hypertensive Disorders		
Cervical Status immediately following sample collection: Dilatation(cm) < 1 1 1 - 2 2 2 - 3 3 > 3 Unk. Cervical consistency Firm Mod So			
Medications at Time of Test(check all that apply) Antibiotics Carticosteroids Tocolytis Insulin Antihypertensives None Unknown			
Qualitative fFN Elisa Test Results: Positive	☐ Negative		
	Calculate risk Cancel		

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Go To Record	X
Record Number	1
O ID Number	
0	Cancel Cancel

FIG. 14

About PTDinp	[X]
Pre-Term Delivery Application Version 1.0 Copyright [®] 1997	ÖK

FIG. 15

Pre-Term Delivery Risk Assesment Software: Test Report Form

Lab ID #	
Patient Name:	
Pre-term Delivery Risk <34.6wks:	0.288432
Pre-term delivery Risk <7 days:	0.001721
Pre—term Delivery Risk <14 days:	0.001544

FIG. 16A

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Pre-Term Delivery Risk Assessment Software: Data Entry Screen Lab ID #			
PATIENT INFORMATION			
POP (11)	Ethnic origin: Caucasian African American Asian Hispanic Native American Other Marital status: Married Single Divorced/Seperated Widowed Living with partner Other		
PATIENT HISTORY AND CLINICAL INFORMATION			
At the time of sampling, was the patient experiencing signs and symptoms of possible preterm labor?			
If yes, please mark all that apply. Uterine contractions with or without pain Bleeding during the second or third trimester Number/hr. <1			
□ Vaginal bleeding □ Trace □ Med. □ Gross □ Patient is not feeling right	 □ Change in vaginal discharge—amount, color, or consistency □ Menstrual—like cramping(with or without diarrhea) 		
Gestational Age: EGA by first trimester sono			
Previous Pregnancy: Please mark all that apply. Current Pregnancy: G: P: A:			
☐ Previous pregnancy: no complications ☐ History of Preterm delivery ☐ I ☐ 2 ☐ >2 ☐ History of Preterm PROM ☐ History of incompetent cervix ☐ History of PIH/preeclampsia ☐ History of SAB prior to 20 wks.	Multiple Gestation Twins Triplets Quads Uterine or cervical abnormality Cerclage Gestational Diabetes Hypertensive Disorders		
Cervical status immediately following sample collection:			
Medications at Time of Test(check all that apply) ☐ Antibiotics ☐ Corticosteroids ☐ Tocolytis ☐ Insulin ☐ Antihypertensives ☐ None ☐ Unknown			
Qualitative fFN Elisa Test Results: Positive Negative			
Pre-term Delivery Risk <34.6wks:	0.288432		
	0.001721		
Pre-term Delivery Risk <14 days:	0.001544		

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FIG. 17

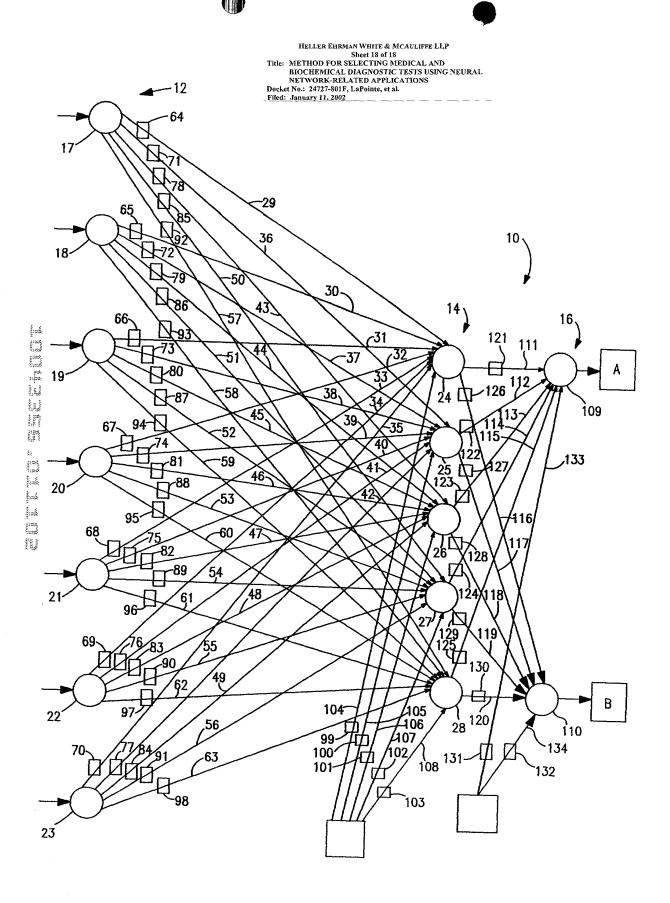


FIG. 18